

Page 1

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NEWS 6 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 7 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPplus and  
USPATFULL/USPAT2  
NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAPplus  
NEWS 9 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
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and display fields  
NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL  
NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced  
NEWS 13 JUL 14 FSTA enhanced with Japanese patents  
NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI  
NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive  
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 17 AUG 30 CA(SM)/CAPplus(SM) Austrian patent law changes  
  
NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.  
  
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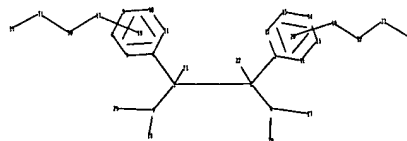
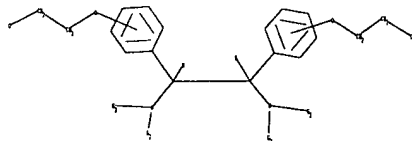
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10524550\Struc 5.str



chain nodes :

1 2 5 6 17 18 21 22 25 26 27 28 30 31 32 33 34 35

ring nodes :

3 4 7 8 9 10 11 12 13 14 15 16

10524550a.trn

chain bonds :  
1-2 1-4 1-5 1-21 2-3 2-6 2-22 5-25 5-26 6-27 6-28 17-30 18-32 30-31  
31-35 32-33 33-34  
ring bonds :  
3-12 3-16 4-7 4-11 7-8 8-9 9-10 10-11 12-13 13-14 14-15 15-16  
exact/norm bonds :  
1-5 2-6 5-25 5-26 6-27 6-28  
exact bonds :  
1-2 1-4 1-21 2-3 2-22 17-30 18-32 30-31 31-35 32-33 33-34  
normalized bonds :  
3-12 3-16 4-7 4-11 7-8 8-9 9-10 10-11 12-13 13-14 14-15 15-16  
isolated ring systems :  
containing 3 : 4 :

G1:H,Ak

G2:H,SO2

Match level :  
1:CLASS 2:CLASS 3:Atom 4:Atom 5:CLASS 6:CLASS 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:Atom  
20:Atom 21:CLASS 22:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 30:CLASS  
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> l1

SAMPLE SEARCH INITIATED 10:33:15 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 7 TO 298  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> l1 full

FULL SEARCH INITIATED 10:33:23 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 153 TO ITERATE

100.0% PROCESSED 153 ITERATIONS 9 ANSWERS  
SEARCH TIME: 00.00.01

L3 9 SEA SSS FUL L1

10524550a.trn

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 COST IN U.S. DOLLARS  
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SINCE FILE	TOTAL
ENTRY	SESSION
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 FILE LAST UPDATED: 10 Sep 2006 (20060910/ED)

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=> l3

L4 4 L3

=> d ibib abs hitstr 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:143037 CAPLUS  
 DOCUMENT NUMBER: 140:183591  
 TITLE: Nitrogen-containing ligands for immobilized catalysts for asymmetric synthesis  
 INVENTOR(S): Hems, William Patrick; Xiao, Jianliang; Chen, Weiping  
 PATENT ASSIGNEE(S): Johnson Matthey Plc, UK  
 SOURCE: PCT Int. Appl., 23 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004014551	A2	20040219	WO 2003-GB3306	20030730
WO 2004014551	A3	20040617		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,			

	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
CA 2494777	AA 20040219 CA 2003-2494777 20030730
AU 2003248970	A1 20040225 AU 2003-248970 20030730
EP 1545772	A2 20050629 EP 2003-784236 20030730
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
JP 2005535693	T2 20051124 JP 2004-527006 20030730
EP 1676635	A2 20060705 EP 2006-4827 20030730
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	IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK
US 2006135355	A1 20060622 US 2005-524550 20050815
PRIORITY APPLN. INFO.:	GB 2002-18675 A 20020812
	EP 2003-784236 A3 20030730
	WO 2003-GB3306 W 20030730

OTHER SOURCE(S) : MARPAT 140:183591

AB An immobilized nitrogen-containing ligand is described comprising the reaction product of R1R2C(NR5R6)CR3R4(NR7R8), wherein R5, R6, R7 and R8 are independently hydrogen, a saturated or unsatd. C1-10 alkyl group, an aryl group, a urethane group, a sulfonyl group or form an imine group, R1, R2, R3, and R4 are independently hydrogen, a saturated or unsatd. C1-10 alkyl group or an aryl group and at least one of R1, R2, R3 and R4 is functionalized with a functional group, and a solid support having a site capable of reacting with the functional group. The nitrogen-containing ligand is useful for preparing immobilized catalysts for performing e.g. asym. catalysis. A supported catalyst contained (R,R)-N,N-Bis-Boc-1,2-di(3-hydroxyphenyl)ethane-1,2-diamine on polystyrene.

IT 659725-90-3P 659725-91-4P 659725-92-5P  
659725-93-6P

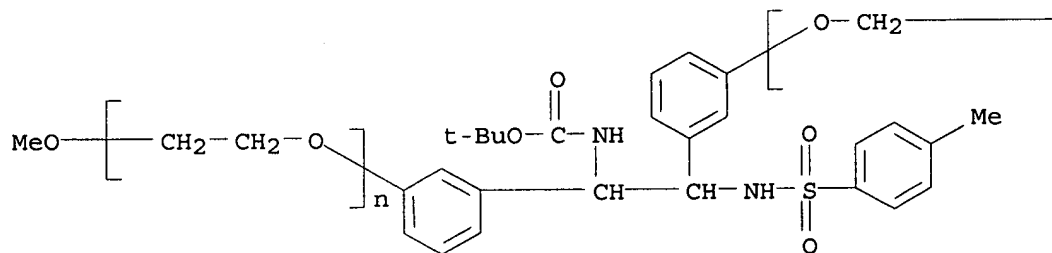
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT  
(Reactant or reagent)

(nitrogen-containing ligands for immobilized catalysts for asym. synthesis)

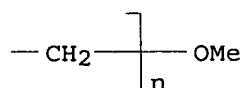
RN 659725-90-3 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha,\alpha'$ -[[[(1R,2R)-1-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-[[[(4-methylphenyl)sulfonyl]amino]-1,2-ethanediyl]di-3,1-phenylene]bis[*o*-methoxy-(9CI) (CA INDEX NAME)

PAGE 1-A

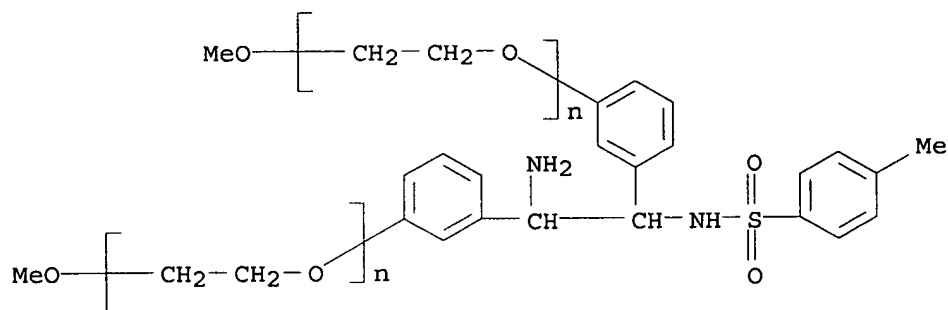


PAGE 1-B



RN 659725-91-4 CAPLUS

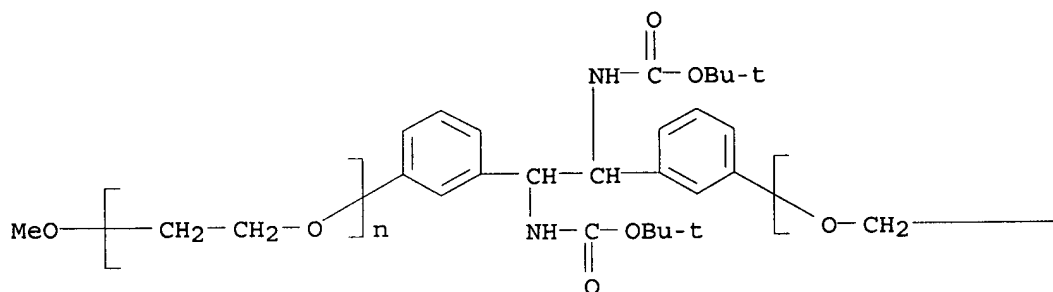
CN Poly(oxy-1,2-ethanediyl),  $\alpha, \alpha'$ -[[[(1R,2R)-1-amino-2-[[[4-methylphenyl)sulfonyl]amino]-1,2-ethanediyl]di-3,1-phenylene]bis[ $\omega$ -methoxy- (9CI) (CA INDEX NAME)



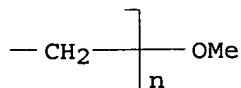
RN 659725-92-5 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha, \alpha'$ -[[[(1R,2R)-1,2-bis[[[1,1-dimethylethoxy)carbonyl]amino]-1,2-ethanediyl]di-3,1-phenylene]bis[ $\omega$ -methoxy- (9CI) (CA INDEX NAME)

PAGE 1-A



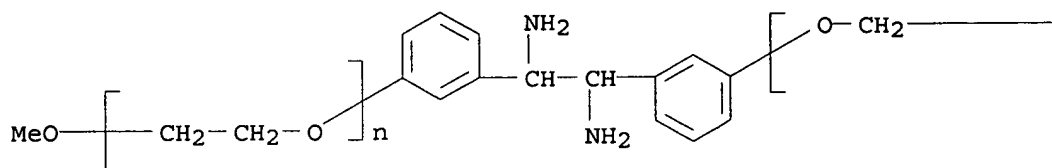
PAGE 1-B



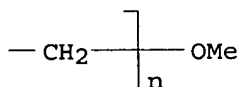
RN 659725-93-6 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha, \alpha'$ -[[[(1R,2R)-1,2-diamino-1,2-ethanediyl]di-3,1-phenylene]bis[ $\omega$ -methoxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:844265 CAPLUS

DOCUMENT NUMBER: 140:59361

TITLE: Asymmetric Hydrogenation of Ketones with  
Polymer-Supported Chiral 1,2-Diphenylethylenediamine  
AUTHOR(S): Li, Xiaoguang; Chen, Weiping; Hems, William; King,  
Frank; Xiao, Jianliang

CORPORATE SOURCE: Leverhulme Centre for Innovative Catalysis, Department  
of Chemistry, University of Liverpool, Liverpool, L69  
7ZD, UK

SOURCE: Organic Letters (2003), 5(24), 4559-4561

CODEN: ORLEF7; ISSN: 1523-7060

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 140:59361

AB A poly(ethylene glycol)-supported chiral diamine (PEG-2), in which the  
polymer is attached to the Ph rings, has been synthesized and shown to be  
highly effective in asym. hydrogenation of unfunctionalized aromatic ketones  
with the possibility of reuse. PEG-2 can also serve as a chiral scaffold  
on which various immobilized chiral catalysts could be easily built.

IT 638261-18-4P 638261-24-2P

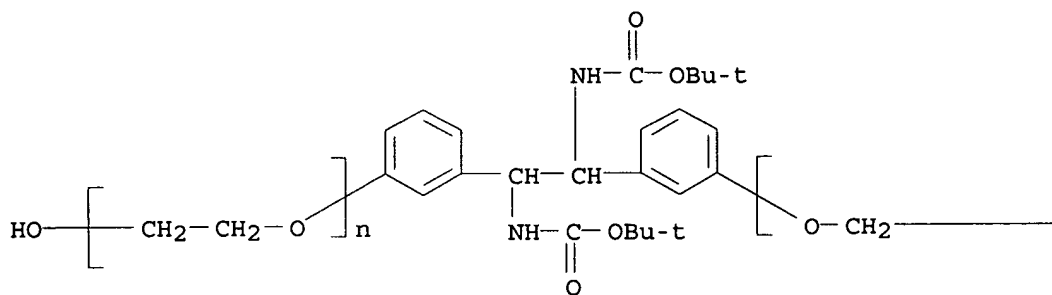
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of poly(ethylene glycol)-supported chiral  
diphenylethylenediamine and its ruthenium complexes for asym.  
hydrogenation of various aromatic ketones)

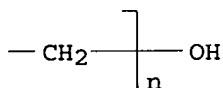
RN 638261-18-4 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha,\alpha'$ -[[[(1R,2R)-1,2-bis[[[(1,1-  
dimethylethoxy)carbonyl]amino]-1,2-ethanediyl]di-3,1-phenylene]bis[ $\omega$ -  
hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



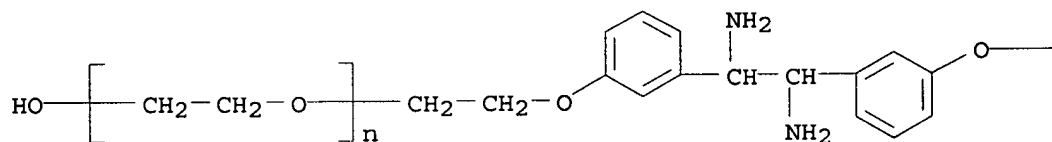
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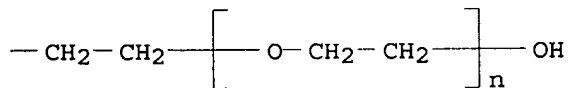
RN 638261-24-2 CAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha, \alpha'$ -[[ (1R,2R)-1,2-diamino-1,2-ethanediyl]bis(3,1-phenyleneoxy-2,1-ethanediyl)]bis[ $\omega$ -hydroxy- (9CI)  
(CA INDEX NAME)

PAGE 1-A



PAGE 1-B



REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:483145 CAPLUS

DOCUMENT NUMBER: 140:70414

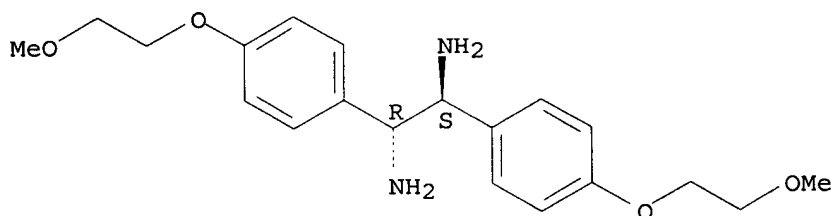
TITLE: New porphyrin platinum conjugates for the cytostatic and photodynamic tumor therapy

10524550a.trn



AUTHOR(S): Brunner, H.; Schellerer, K.-M.  
 CORPORATE SOURCE: Institut fuer Anorganische Chemie, Universitaet  
 Regensburg, Regensburg, D-93040, Germany  
 SOURCE: Inorganica Chimica Acta (2003), 350, 39-48  
 CODEN: ICHAA3; ISSN: 0020-1693  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:70414  
 AB The combination of a porphyrin system and a platinum fragment in the same  
 mol. should not only result in the additivity of the photodynamic activity  
 of the porphyrin and the cytostatic activity of the platinum, but also in  
 the enrichment of the porphyrin platinum conjugate in tumors, which  
 platinum compds. alone do not show. New porphyrin platinum conjugates  
 were obtained from the platinum complexes of a series of 1,2-diamines and  
 hematoporphyrin or 13,17-bis(2-carboxyethyl)-3,8-bis[1-  
 (ethyleneglycolmonoethylether)oxyethyl]-2,7,12,18-tetramethylporphin. The  
 1,2-diamines were synthesized starting from the corresponding stilbenes  
 via 1,2-diazides. The new platinum porphyrin conjugates showed promising  
 antitumor activity in tests with the mammary carcinoma cell line  
 MDA-MB-231.  
 IT 639815-82-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of new porphyrin platinum conjugates for cytostatic and  
 photodynamic tumor therapy)  
 RN 639815-82-0 CAPLUS  
 CN 1,2-Ethanediamine, 1,2-bis[4-(2-methoxyethoxy)phenyl]-, dihydrochloride,  
 (1R,2S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

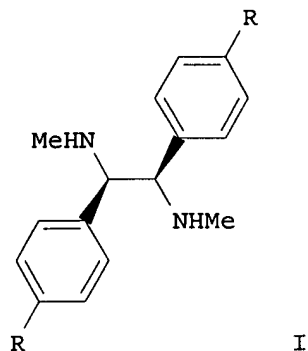


● 2 HCl

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:605806 CAPLUS  
 DOCUMENT NUMBER: 138:169829  
 TITLE: Hydrophilic diamine ligands for catalytic asymmetric  
 hydrogenation of C:O bonds  
 AUTHOR(S): Ferrand, A.; Bruno, M.; Tommasino, M. L.; Lemaire, M.  
 CORPORATE SOURCE: CNRS: UMR 5622, Laboratoire de Catalyse et Synthese  
 Organique, Villeurbanne, 69622, Fr.  
 SOURCE: Tetrahedron: Asymmetry (2002), 13(13), 1379-1384  
 CODEN: TASYE3; ISSN: 0957-4166  
 PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 138:169829  
 GI



AB Asym. hydrogenation of phenylglyoxylate Me ester and of acetophenone with catalytic amts. of iridium complexes containing hydrophilic chiral C2-sym. diamine ligands I [R = H, HO, MeO, Me(OCH<sub>2</sub>CH<sub>2</sub>)<sub>3</sub>O] gave the corresponding benzylic alcs. as (R)-stereoisomers with ee up to 68% in hydrophilic media. The use of ligands I allows for the catalyst recovery without loss of activity and enantioselectivity in at least four hydrogenation cycles.

IT 496924-17-5P

RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);  
 USES (Uses)

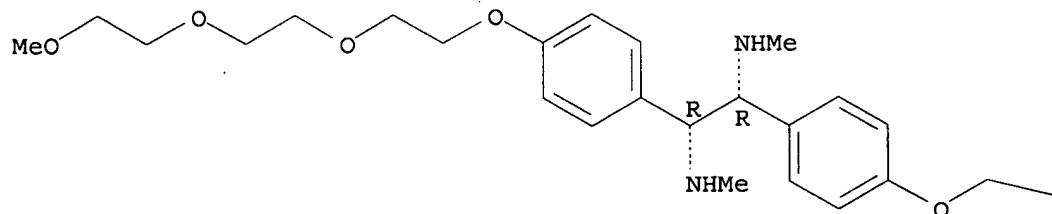
(preparation of chiral (diphenyl)ethanediamines as hydrophilic ligands for  
 iridium-catalyzed asym. hydrogenation of aromatic ketones)

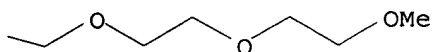
RN 496924-17-5 CAPLUS

CN 1,2-Ethanediamine, 1,2-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-  
 N,N'-dimethyl-, (1R,2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

PAGE 1-A





REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
23.66	190.81

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.00	-3.00

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:37:40 ON 11 SEP 2006